

**1993 - 1994
ANNUAL REPORT
OF PRODUCTION
AND SALES**

CANADIANA

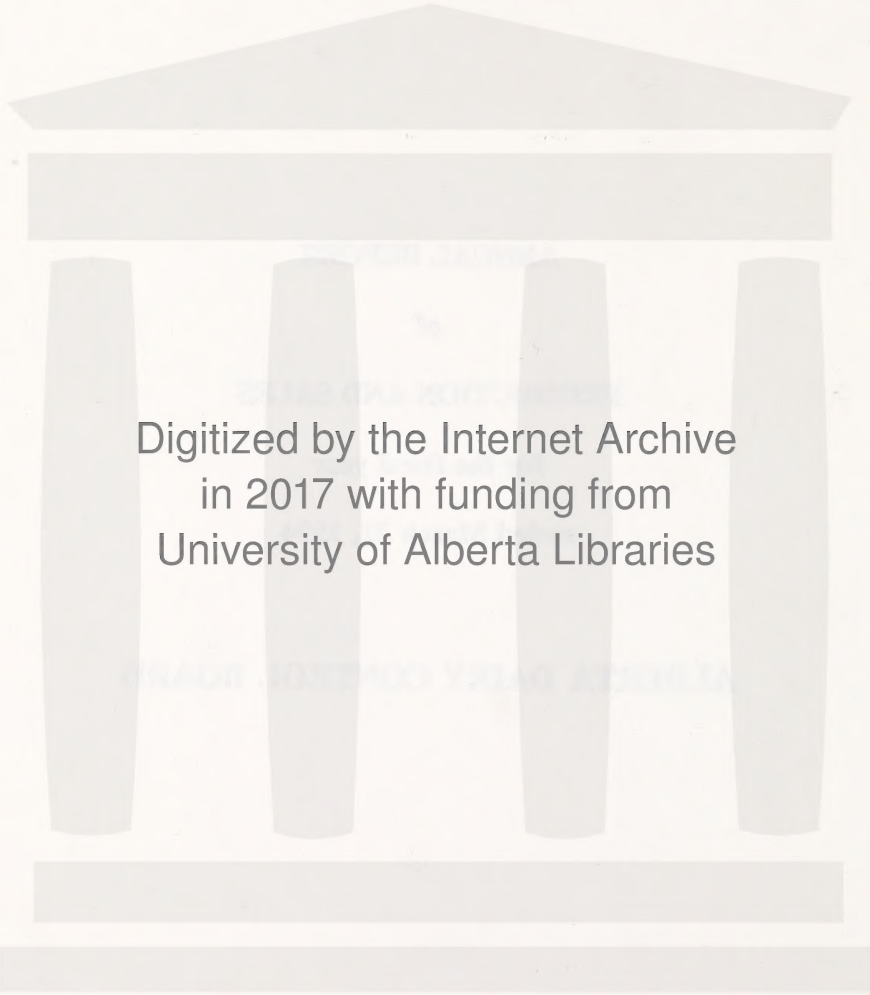
APR 2 1997

**ALBERTA
DAIRY
CONTROL
BOARD**

Alberta
AGRICULTURE, FOOD AND
RURAL DEVELOPMENT

ANNUAL REPORT
of
PRODUCTION AND SALES
for the fiscal year
ended March 31, 1994

ALBERTA DAIRY CONTROL BOARD



Digitized by the Internet Archive
in 2017 with funding from
University of Alberta Libraries

<https://archive.org/details/annualreportofpr1993albe>

INTRODUCTION

We are pleased to present production and sales data for the fiscal period April 1, 1993 to March 31, 1994. This information was previously included in the Alberta Dairy Control Board's Annual Report and will now be published separately.

The dairy industry continues to change in response to factors such as the economy and trade negotiations. Some processing plants have consolidated their operations, thus the slight reduction in processors and distributors from the previous year.

Although the number of milk producers has steadily declined to just over 1,200, the average daily shipment per producer has increased slightly. There has been a more dramatic decline in cream shippers from 208 in 1992-93 to only 141 as of March 31, 1994. Corresponding cream production has decreased by over 50 percent from the previous year.

It was gratifying to see a market upswing in domestic consumption of butterfat after several years of declining markets. Provincially, cream consumption increased by 2.27 percent, while consumption of fluid milk declined by 2.74 percent. Sales of 1%, and chocolate milk continue to increase at the expense of homo, 2% and buttermilk. Consumer preference in packaging has changed as well. The percentage of milk sold in 2 litre pure pak has declined to 46 percent and 4 litre plastic jugs increased from 20 percent to 30 percent during 1993-94.

Approximately half of the qualifying milk is used for Class I purposes, one quarter is used for Class IIIC (evaporated milk, condensed milk, butter and skim milk powder), and the remainder is used in the production of cheddar cheese, specialty cheese, ice cream, sour cream and other dairy products.

During the 1993-94 dairy year, producers transferred 9 percent of the provincial

market share quota and 5 percent of the fluid quota, either privately or through the Board-operated quota exchange. Quota transfer policies are reviewed annually and transfer data are monitored regularly to ensure that all producers have the opportunity to manage their quota needs.

We are very interested in your reaction to the format and contents of the Alberta Dairy Control Board Production and Sales Report. We would appreciate your comments and response to the publication.

Lloyd G. Johnston
Secretary-Manager
Alberta Dairy Control Board

ALBERTA DAIRY CONTROL BOARD

Table of Contents

Table 1	Number of Processors and Distributors
Table 2	Fluid Milk and Cream Consumption in Litres
Table 3	Sales of Fluid Milk in Litres
Table 4	Sales of Homo Milk in Litres
Table 5	Sales of 2% Milk in Litres
Table 6	Sales of 1% Milk in Litres
Table 7	Sales of Skim Milk in Litres
Table 8	Sales of Chocolate Milk in Litres
Table 9	Sales of Buttermilk in Litres
Table 10	Sales of Eggnog in Litres
Table 11	Sales of Fluid Cream in Litres
Table 12	Total Sales of Milk and Cream in Litres by Container Size
Table 13	Percentage of Sales by Product Size
Table 14	Total Fluid Sales by Product in Litres
Table 15	Class I Utilization Percentage of Quota Milk
Table 16	Utilization of Qualifying Milk by Class
Table 17	Milk and Cream Producers and Production
Table 18	Provincial Average Butterfat Tests
Table 19	Unused Market Share Quota Exchange
Table 20	Used Market Share Quota Exchange
Table 21	Fluid Quota Exchange
Table 22	Milk Prices: Class I, II, III, Quota and Over-quota
Table 23	Milk Classifications
Table 24	Provincial Share of Quota
Table 25	Levy Rates

TABLE 1

NUMBER OF PROCESSORS AND DISTRIBUTORS
AS OF MARCH 31, 1994

	1992	1993	1994
Number of Processors "B"	26	22	21
Number of Processor/Distributors "B" Class 1	10	10	8
Number of Distributor Agents/Depots "C"	69	107	94

TABLE 2

FLUID MILK AND CREAM CONSUMPTION IN LITRES APRIL 1, 1993 TO MARCH 31, 1994

	Milk	Cream	Total
1987-88	256,961,614	10,089,428	267,051,042
1988-89	256,286,990	10,260,600	266,547,590
1989-90	261,153,952	10,333,930	271,487,882
1990-91	264,046,128	10,759,823	274,805,951
1991-92	268,167,034	10,646,500	278,813,534
1992-93	264,970,275	10,765,594	275,735,869
1993-94	257,706,216	11,010,399	268,716,615

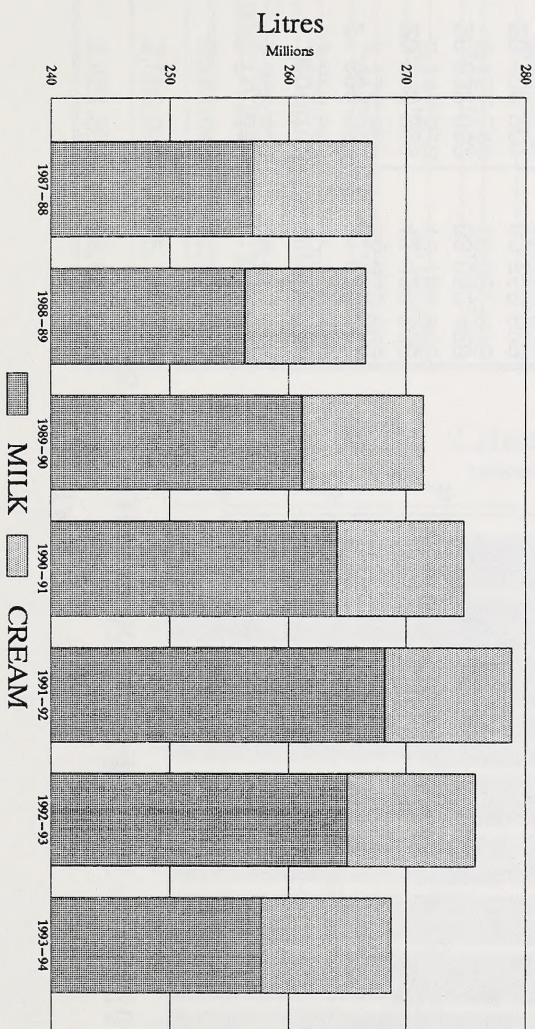


TABLE 3
SALES OF FLUID MILK IN LITRES

April 1, 1993 To March 31, 1994		
	Monthly	Cumulative
April	21,899,367	21,899,367
May	20,520,999	42,420,366
June	20,632,062	63,052,428
July	20,706,201	83,758,629
August	20,168,361	103,926,990
September	21,074,495	125,001,485
October	21,531,209	146,532,694
November	22,279,026	168,811,720
December	22,688,209	191,499,929
January	22,145,786	213,645,715
February	20,566,271	234,211,986
March	23,494,230	257,706,216

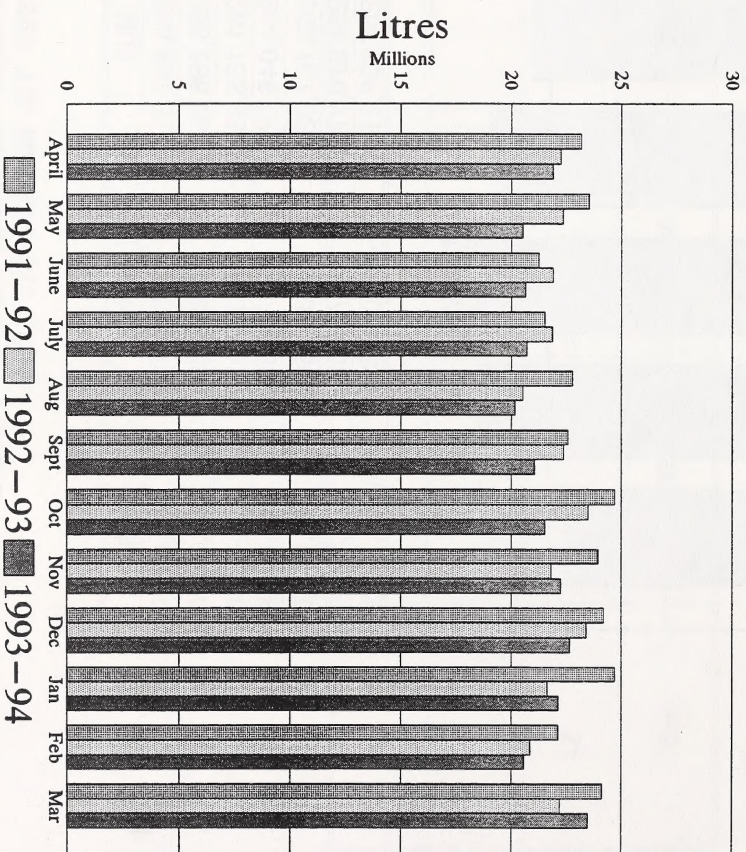


TABLE 4
SALES OF HOMO MILK IN LITRES

April 1, 1993 To March 31, 1994		
	Monthly	Cumulative
April	3,315,468	3,315,468
May	3,147,288	6,462,756
June	3,167,886	9,630,642
July	3,293,252	12,923,894
August	3,127,746	16,051,640
September	3,147,259	19,198,899
October	3,176,964	22,375,863
November	3,254,463	25,630,326
December	3,280,931	28,911,257
January	3,261,446	32,172,703
February	3,009,984	35,182,687
March	3,421,393	38,604,080

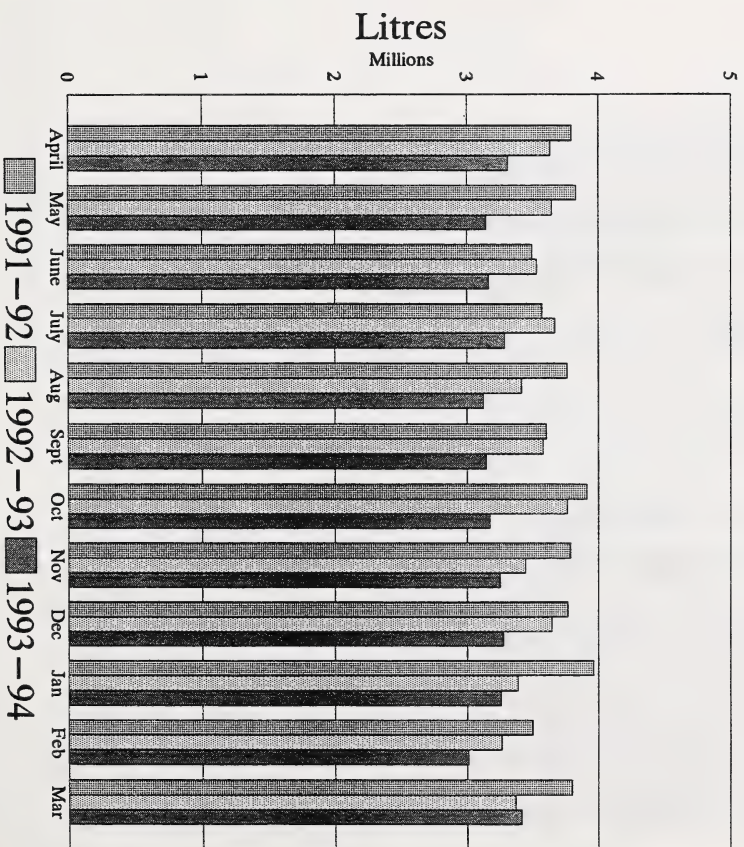


TABLE 5
SALES OF 2% MILK IN LITRES

April 1, 1993 To March 31, 1994		
	Monthly	Cumulative
April	10,762,253	10,762,253
May	10,085,600	20,847,853
June	10,025,729	30,873,582
July	10,180,935	41,054,517
August	9,852,267	50,906,784
September	10,194,485	61,101,269
October	10,352,110	71,453,379
November	10,590,690	82,044,069
December	10,504,288	92,548,357
January	10,601,544	103,149,901
February	9,812,799	112,962,700
March	11,122,040	124,084,740

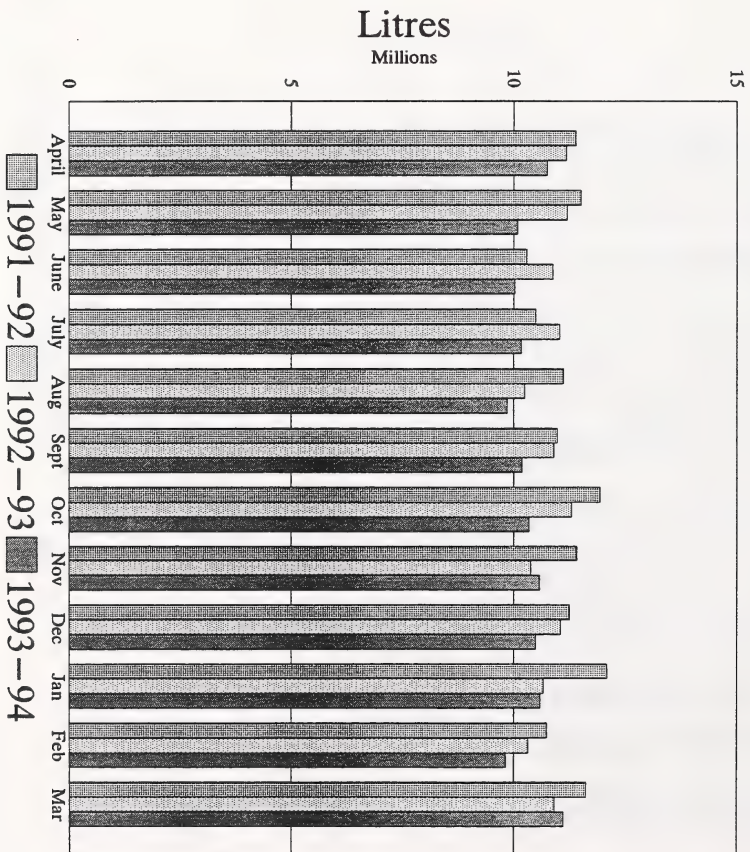


TABLE 6

SALES OF 1% MILK IN LITRES

April 1, 1993 To March 31, 1994		
	Monthly	Cumulative
April	4,211,165	4,211,165
May	4,037,413	8,248,578
June	3,978,227	12,226,805
July	3,812,002	16,038,807
August	3,789,197	19,828,004
September	4,072,465	23,900,469
October	4,195,013	28,095,482
November	4,333,082	32,428,564
December	4,212,755	36,641,319
January	4,448,453	41,089,772
February	4,145,551	45,235,323
March	4,731,736	49,967,059

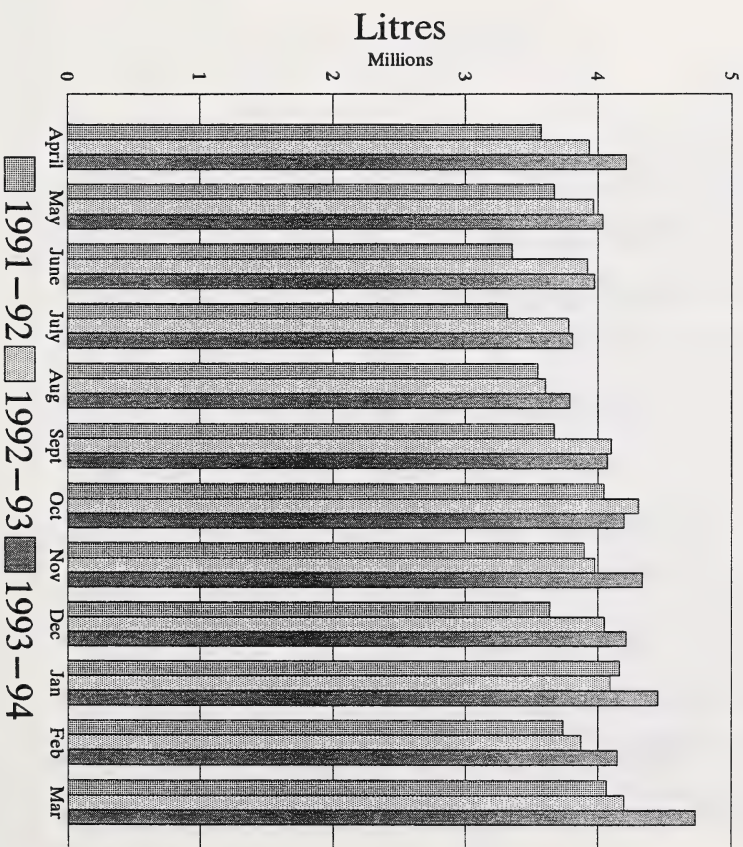


TABLE 7

SALES OF SKIM MILK IN LITRES

April 1, 1993 To March 31, 1994		
	Monthly	Cumulative
April	2,277,080	2,277,080
May	2,216,121	4,493,201
June	2,162,813	6,656,014
July	2,055,466	8,711,480
August	2,031,605	10,743,085
September	2,180,410	12,923,495
October	2,222,068	15,145,563
November	2,303,576	17,449,139
December	2,199,036	19,648,175
January	2,373,108	22,021,283
February	2,181,965	24,203,248
March	2,501,238	26,704,486

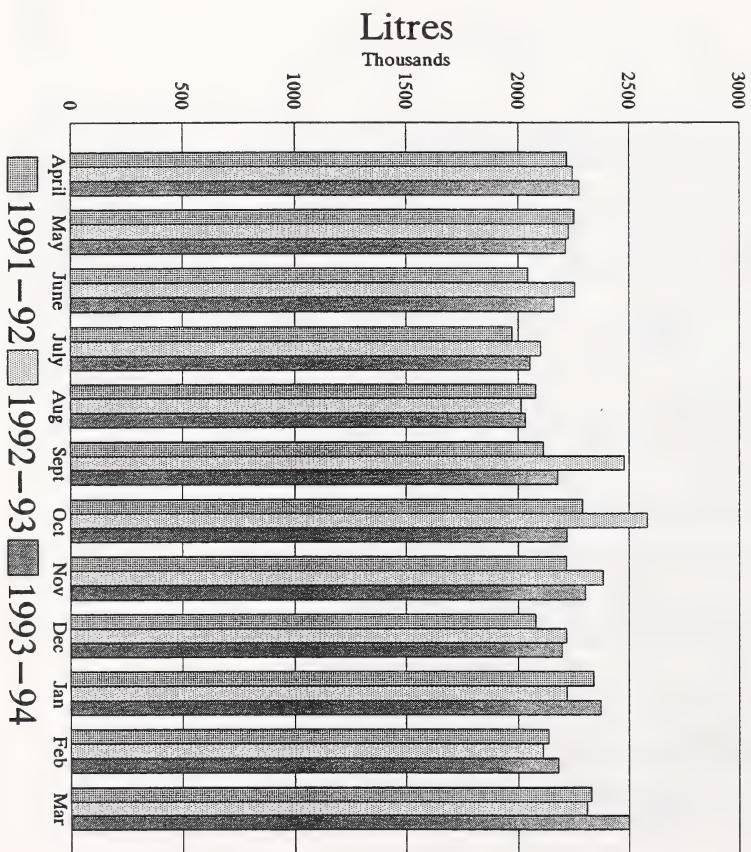


TABLE 8

SALES OF CHOCOLATE MILK IN LITRES

April 1, 1993 To March 31, 1994		
	Monthly	Cumulative
April	1,207,337	1,207,337
May	899,849	2,107,186
June	1,161,018	3,268,204
July	1,221,554	4,489,758
August	1,230,674	5,720,432
September	1,351,826	7,072,258
October	1,377,805	8,450,063
November	1,394,125	9,844,188
December	1,237,789	11,081,977
January	1,353,533	12,435,510
February	1,300,015	13,735,525
March	1,580,864	15,316,389

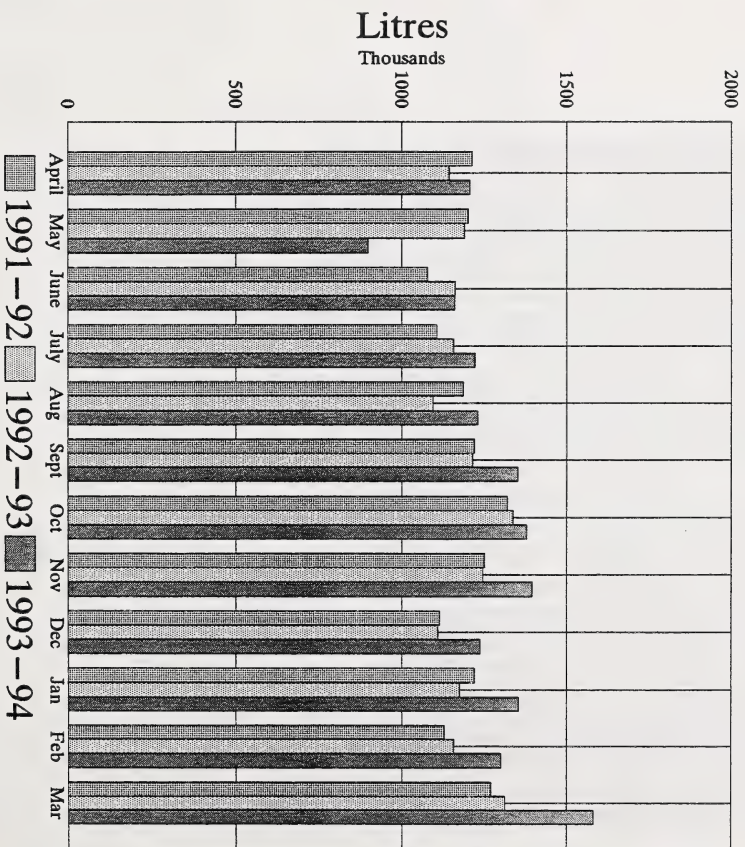


TABLE 9
SALES OF BUTTERMILK IN LITRES

April 1, 1993 To March 31, 1994		
	Monthly	Cumulative
April	125,013	125,013
May	133,504	258,517
June	135,191	393,708
July	141,894	535,602
August	136,765	672,367
September	126,896	799,263
October	124,077	923,340
November	125,614	1,048,954
December	117,354	1,166,308
January	111,850	1,278,158
February	115,316	1,393,474
March	136,080	1,529,554

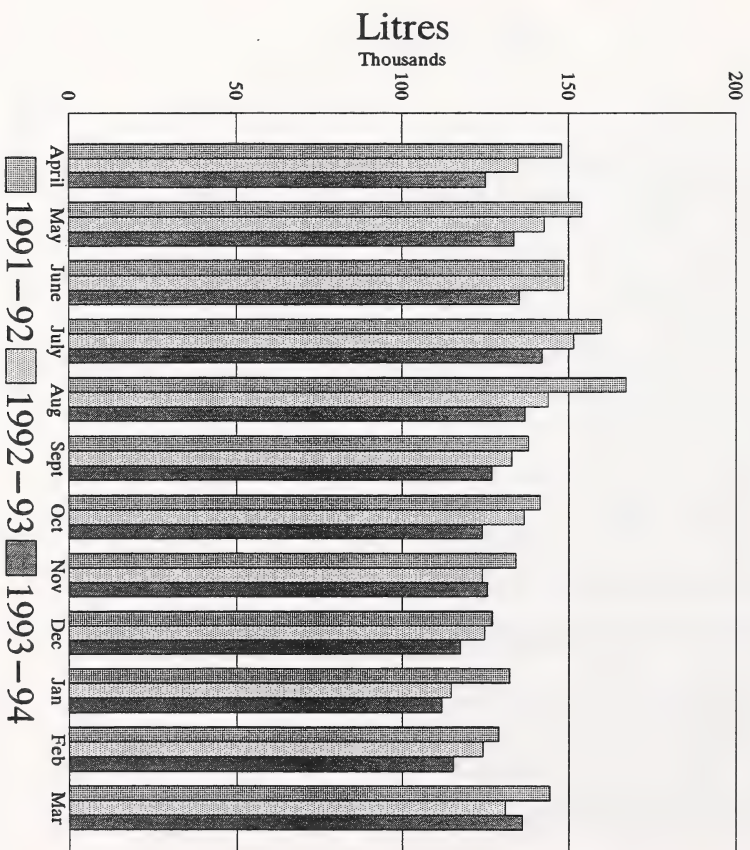


TABLE 10
SALES OF EGGNOG IN LITRES

April 1, 1993 To March 31, 1994		
	Monthly	Cumulative
April	1,051	1,051
May	1,224	2,275
June	1,198	3,473
July	1,098	4,571
August	107	4,678
September	1,154	5,832
October	83,172	89,004
November	277,476	366,480
December	1,136,056	1,502,536
January	(4,148)	1,498,388
February	641	1,499,029
March	879	1,499,908

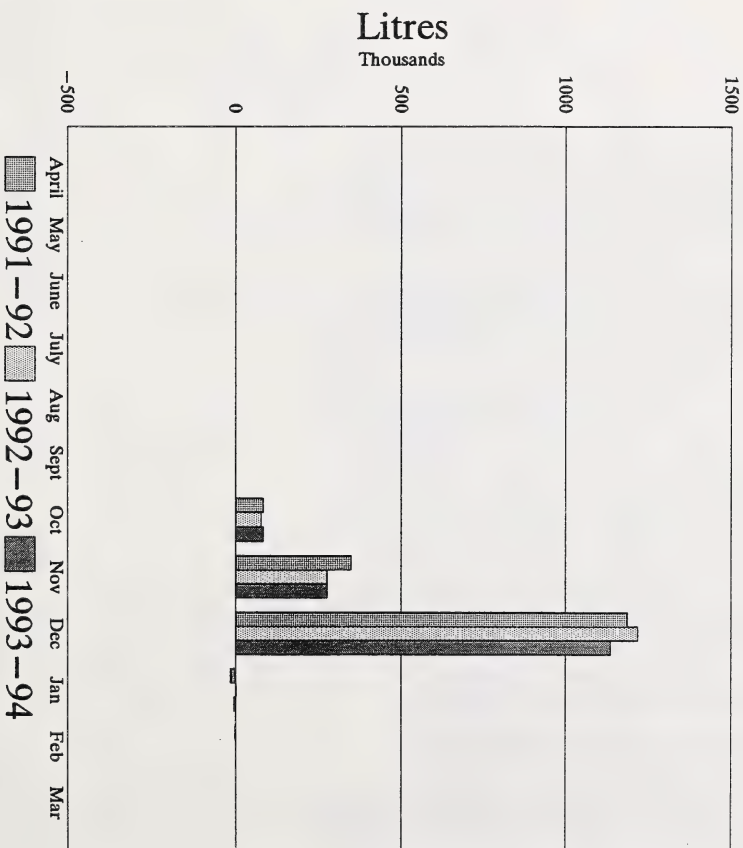


TABLE 11

SALES OF FLUID CREAM IN LITRES

April 1, 1993 To March 31, 1994		
	Monthly	Cumulative
April	941,689	941,689
May	864,642	1,806,331
June	884,449	2,690,780
July	991,342	3,682,122
August	953,645	4,635,767
September	912,921	5,548,688
October	933,666	6,482,354
November	895,679	7,378,033
December	1,056,135	8,434,168
January	797,960	9,232,128
February	794,822	10,026,950
March	983,449	11,010,399

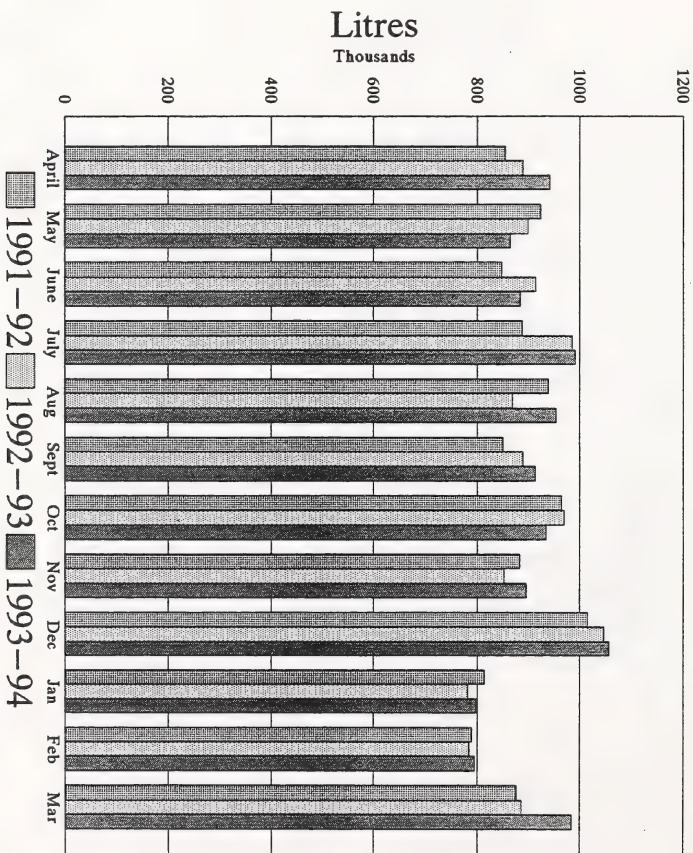


TABLE 12

TOTAL SALES OF MILK AND CREAM IN LITRES BY SIZE OF CONTAINERS
APRIL 1, 1993 TO MARCH 31, 1994

	Fluid Milk Products	% Of Total	Cream	% Of Total	Total Milk And Cream	% Of Total
20 Litres	6,373,490	2.47%	536,320	4.87%	6,909,810	2.57%
4 Litre – Pouch	7,535,484	2.92%	84	0.00%	7,535,568	2.80%
4 Litre – Jug	76,196,844	29.57%	0	0.00%	76,196,844	28.36%
2 Litre – Pure Pak	120,124,966	46.61%	(32)	–0.00%	120,124,934	44.70%
2 Litre – Jug	9,635,578	3.74%	0	0.00%	9,635,578	3.59%
1 Litre – Pure Pak	24,098,323	9.35%	3,411,658	30.99%	27,509,981	10.24%
1 Litre – Jug	1,270,099	0.49%	117,418	1.07%	1,387,517	0.52%
500 Millilitres	6,316,927	2.45%	3,251,704	29.53%	9,568,631	3.56%
250 Millilitres	5,751,689	2.23%	805,640	7.32%	6,557,329	2.44%
125 Millilitres	323,524	0.13%	0	0.00%	323,524	0.12%
Portion Cup	79,292	0.03%	2,887,607	26.23%	2,966,899	1.10%
Total Litres	257,706,216	100.00%	11,010,399	100.00%	268,716,615	100.00%

TABLE 13

PERCENTAGE OF SALES BY PRODUCT SIZE
APRIL 1, 1993 TO MARCH 31, 1994

	20 Litres	4 Litres	2 Litres	1 Litre	500 ml	250 & 125 ml	Portion Cup
Homogenized	2.20%	36.98%	51.82%	8.71%	0.20%	0.07%	0.02%
2%	3.25%	33.23%	53.40%	6.56%	1.58%	1.92%	0.06%
1%	0.93%	38.64%	53.43%	5.68%	0.52%	0.80%	0.00%
Skim	0.56%	29.70%	58.58%	9.93%	0.01%	1.22%	0.00%
Chocolate	5.61%	6.49%	3.51%	39.00%	26.21%	19.18%	0.00%
Buttermilk	0.94%	0.01%	0.03%	99.00%	0.01%	0.01%	0.00%
Eggnog	0.00%	0.00%	41.72%	58.28%	0.00%	0.00%	0.00%
10% Cream	4.51%	0.00%	0.00%	26.01%	29.11%	3.13%	37.24%
18% Cream	94.83%	0.00%	-0.02%	5.20%	0.00%	0.00%	-0.01%
Whipping Cream	0.01%	0.00%	0.00%	49.09%	32.51%	18.39%	0.00%

TABLE 14
TOTAL FLUID SALES BY PRODUCT

April 1, 1993 To March 31, 1994		
	Sales (litres)	Percentage of Total
Homogenized Milk	38,604,080	14.37%
2%	124,084,740	46.18%
1%	49,967,059	18.59%
Skim Milk	26,704,486	9.94%
Chocolate	15,316,389	5.70%
Buttermilk	1,529,554	0.57%
Eggnog	1,499,908	0.56%
Sub Total	257,706,216	95.90%
Cream	11,010,399	4.10%
Total Litres	268,716,615	100.00%

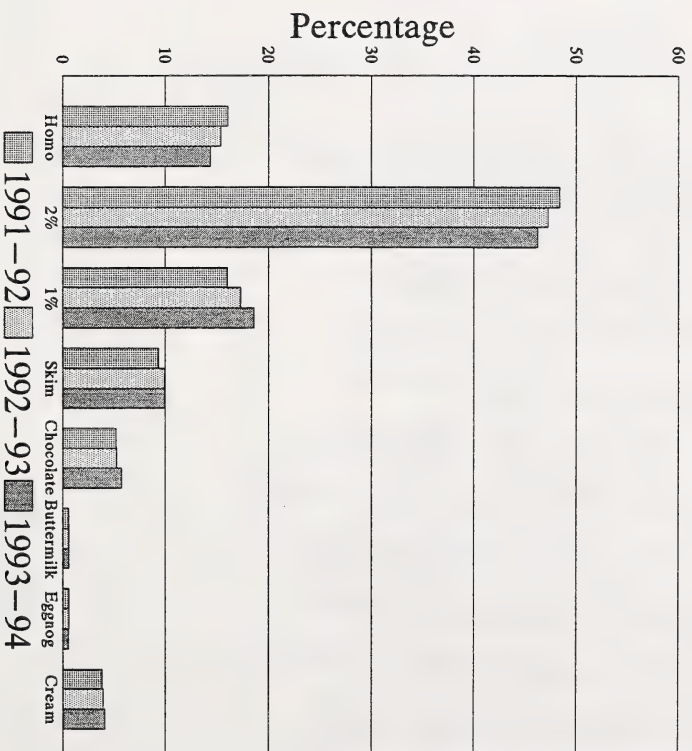


TABLE 15

**CLASS I UTILIZATION PERCENTAGE OF QUOTA MILK
APRIL 1, 1993 TO MARCH 31, 1994**

	Class I Utilization 1993-94	% Monthly Utilization	% Year-To- Date
April	22,104,659	75.75	75.75
May	20,889,810	69.33	72.49
June	21,040,932	72.15	72.38
July	20,961,585	69.77	71.72
August	20,554,923	68.51	71.07
September	21,480,063	74.04	71.55
October	22,177,291	74.26	71.94
November	22,543,690	77.83	72.66
December	22,218,322	73.89	72.80
January	22,495,598	74.85	73.01
February	20,907,575	77.04	73.35
March	23,888,076	79.48	73.87
Total	261,262,524		

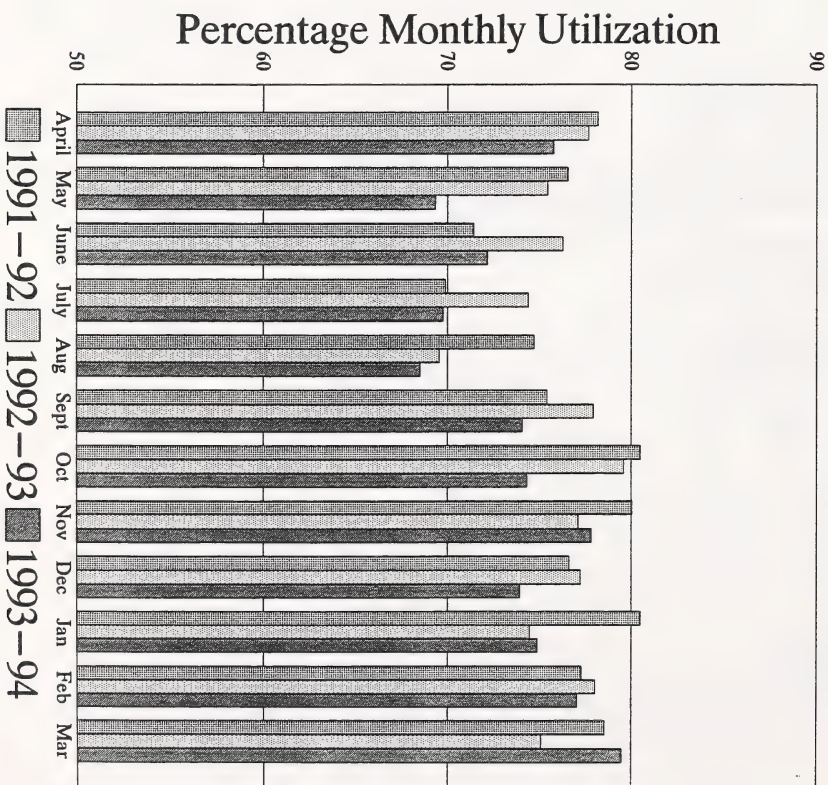


TABLE 16

UTILIZATION OF QUALIFYING MILK BY CLASS APRIL 1, 1993 TO MARCH 31, 1994

	1991-92		1992-93		1993-94	
	Litres	Percentage	Litres	Percentage	Litres	Percentage
Class I	272,272,327	47.61%	269,780,181	48.15%	261,262,524	48.30%
Class II	55,701,119	9.74%	52,013,087	9.28%	53,752,883	9.94%
Class IIIA	43,594,351	7.62%	56,853,328	10.15%	48,522,302	8.97%
Class IIIB	74,728,351	13.07%	54,106,397	9.66%	55,764,070	10.31%
Class IIIC	125,637,159	21.97%	127,557,906	22.77%	121,597,424	22.48%
Total	571,933,307		560,310,899		540,899,203	

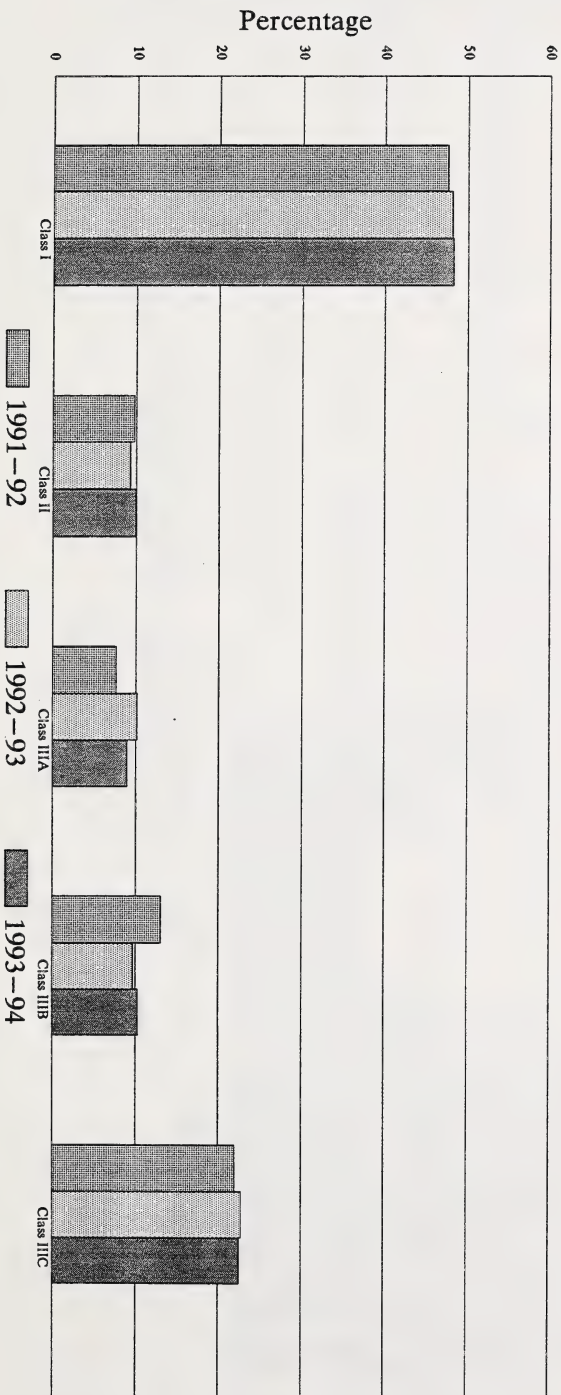


TABLE 17

MILK AND CREAM PRODUCERS AND PRODUCTION
APRIL 1, 1993 TO MARCH 31, 1994

	1991-92	1992-93	1993-94
Number of Milk Producers	1,333	1,268	1,217
Number of Cream Producers	307	208	141
Milk Production (litres)	571,933,307	560,310,899	541,007,369
Cream Production (kilograms)	291,026	197,750	93,088
Average Daily Shipment per Milk Producer (litres)	1,172	1,211	1,218

TABLE 18

PROVINCIAL AVERAGE BUTTERFAT TESTS

	1991 - 92	1992 - 93	1993 - 94
April	3.666169	3.677634	3.664885
May	3.605734	3.608140	3.619351
June	3.517454	3.519789	3.487323
July	3.515340	3.499499	3.520957
August	3.520501	3.541843	3.550109
September	3.640866	3.708969	3.636244
October	3.777722	3.814489	3.745290
November	3.836385	3.838952	3.811019
December	3.813826	3.800492	3.747581
January	3.748909	3.855479	3.732291
February	3.713799	3.637037	3.714062
March	3.676383	3.693098	3.699769

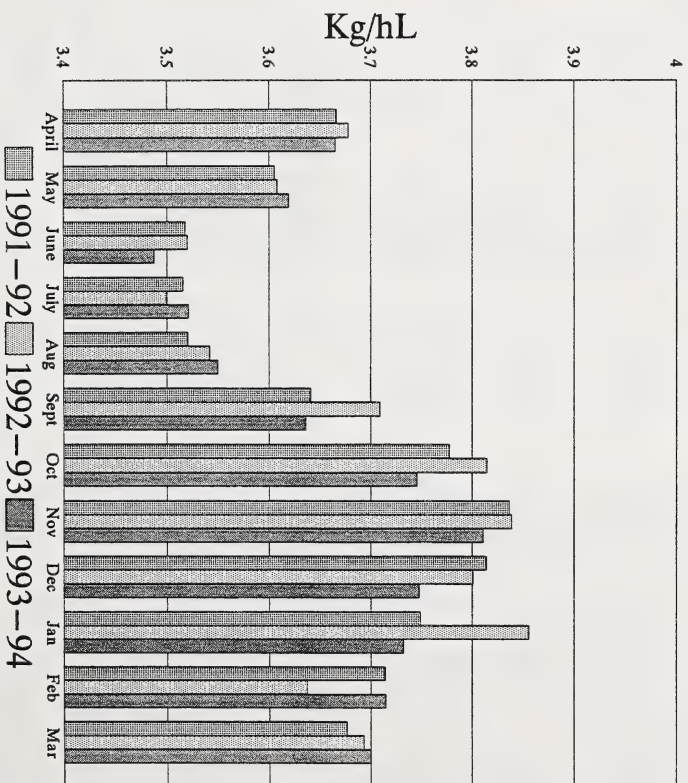


TABLE 19

UNUSED MARKET SHARE QUOTA EXCHANGE

	1990-91		1991-92		1992-93		1993-94	
	\$/kg	kg Sold	\$/kg	kg Sold	\$/kg	kg Sold	\$/kg	kg Sold
April	13.00	18,302	22.50	21,532	22.00	20,146	32.00	15,506
May	13.00	48,349	22.50	25,299	23.00	13,985	34.00	16,622
June	13.00	64,951	22.50	32,174	24.00	24,250	36.00	13,649
July	14.00	36,750	22.50	24,552	(1)		(1)	
August	(1)		(1)		(1)		(1)	
September	(1)		18.00	2,349	18.00	4,845	28.00	3,957
October	11.00	5,146	16.00	3,722	20.00	9,025	24.00	5,879
November	10.00	7,890	16.00	7,389	22.00	1,505	18.00	14,545
December	11.00	16,709	16.00	5,415	24.00	3,969	(2)	
January	13.00	5,508	18.00	10,068	25.00	9,553	20.00	9,405
February	15.00	10,658	20.00	8,039	28.00	4,167	24.00	11,684
March	20.00	7,527	21.00	15,478	30.00	8,400	28.00	16,160
Weighted Average	\$13.20		\$21.18		\$23.54		\$27.81	
Total Sold		221,790		156,017		99,845		107,407

Notes: (1) No exchange was held for unused MSQ.

(2) The unused MSQ exchange was suspended.

TABLE 20

USED MARKET SHARE QUOTA EXCHANGE

	1990-91		1991-92		1992-93		1993-94	
	\$/kg	kg Sold	\$/kg	kg Sold	\$/kg	kg Sold	\$/kg	kg Sold
April	8.00	10,399	12.00	7,604	10.00	446	22.00	7,259
May	10.00	4,533	12.00	9,005	10.00	171	25.00	1,276
June	10.50	10,800	12.00	8,666	10.00	2,671	25.00	3,228
July	10.00	15,512	15.00	3,062	(1)		(1)	
August	(1)		(1)		(1)		(1)	
September	(1)		10.00	162	10.00	582	20.00	36
October	8.00	585	8.00	1,585	(2)		18.00	1,509
November	3.00	597	10.00	880	(2)		17.00	3,357
December	5.00	5,729	10.00	2,498	10.00	1,471	(3)	
January	5.00	119	8.00	4,070	15.00	4,869	17.00	440
February	5.00	537	10.00	1,992	18.00	6,576	17.00	3,864
March	10.00	1,597	10.00	3,224	20.00	2,064	20.00	12,000
Weighted Average	\$8.96		\$11.28		\$15.18		\$20.33	
Total Sold		50,408		42,748		18,850		32,969

Notes: (1) No exchange was held for used MSQ.

(2) No used MSQ was offered for sale.

(3) The used MSQ exchange was suspended.

TABLE 21
FLUID QUOTA EXCHANGE

	1990-91		1991-92		1992-93		1993-94	
	\$/Litre	Litres Sold	\$/Litre	Litres Sold	\$/Litre	Litres Sold	\$/Litre	Litres Sold
April	(1)		290.00	535	270.00	365	335.00	1,385
May	(1)		(3)		300.00	355	335.00	330
June	(1)		260.00	410	(4)		(2)	
July	(1)		250.00	600	(3)		350.00	615
August	220.00	525	(4)		(3)		350.00	1,155
September	220.00	790	275.00	605	310.00	250	340.00	555
October	220.00	2,150	300.00	1,010	315.00	1,080	320.00	1,590
November	220.00	2,310	300.00	1,600	305.00	995	280.00	1,160
December	(2)		280.00	1,590	315.00	960	(5)	
January	240.00	565	270.00	1,590	315.00	495	250.00	460
February	240.00	1,000	260.00	1,135	315.00	365	280.00	1,165
March	255.00	475	(4)		330.00	430	300.00	965
Weighted Average	\$226.13		\$278.87		\$310.00		\$314.18	
Total Sold		7,815		9,075		5,295		9,380

Notes: (1) There was no fluid quota exchange in operation prior to August 1990.

(2) A fluid quota exchange did not take place as there was not enough fluid quota available to allocate at least 5 litres to each buyer.

(3) A fluid quota exchange did not take place as the volume offered exceeded the volume bid for.

(4) A fluid exchange did not take place as there was no fluid offered for sale.

(5) The fluid quota exchange was suspended.

TABLE 22

**MILK PRICES: CLASS I, II, III, QUOTA AND OVER-QUOTA
(DOLLARS PER HECTOLITRE)**

1993-94

	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Class I	55.97	55.97	55.97	55.97	55.97	55.97	56.95	56.95	56.95	56.95	56.95	56.95
Class II	45.41	45.41	45.41	45.41	45.41	46.50	46.50	46.50	46.50	46.50	46.50	46.50
Class IIIA	44.14	44.14	44.14	44.14	44.14	45.22	45.22	45.22	45.22	45.22	45.22	45.22
Class IIIB	43.77	43.77	43.77	43.77	43.77	44.85	44.85	44.85	44.85	44.85	44.85	44.85
Class IIIC	43.76	43.76	43.76	43.76	43.76	44.84	44.84	44.84	44.84	44.84	44.84	44.84
Quota	53.04	52.28	52.62	52.39	52.26	53.18	53.91	54.26	53.83	53.97	54.19	54.47
Over-quota	44.05	44.14	44.05	44.11	44.20	45.27	45.29	45.22	45.17	45.23	45.00	45.08

1992-93

	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Class I	54.01	54.01	54.01	54.01	54.99	54.99	54.99	55.97	55.97	55.97	55.97	55.97
Class II	45.47	45.47	45.47	45.47	45.47	45.47	45.47	45.41	45.41	45.41	45.41	45.41
Class IIIA	43.97	43.97	43.97	43.97	43.97	43.97	43.97	43.91	43.91	43.91	43.91	44.14
Class IIIB	43.42	43.42	43.42	43.42	43.42	43.42	43.42	43.36	43.36	43.36	43.36	43.77
Class IIIC	43.32	43.32	43.32	43.32	43.32	43.32	43.32	43.26	43.26	43.26	43.26	43.76
Quota	51.71	51.50	51.55	51.34	51.58	52.48	52.66	53.20	53.23	52.75	53.23	52.98
Over-quota	43.81	43.84	43.72	43.75	43.85	43.87	43.81	43.82	43.77	43.72	43.73	44.09

TABLE 23
MILK CLASSIFICATIONS

Class I	All milk used for sales
Class II	All excess milk used in the manufacture of ice cream, ice cream mix, cottage cheese, sour cream, yogurt, sherbet mix, milk shake mix, and any milk that is surplus to the requirements of any other class
Class IIIA	All excess milk used in the manufacture of specialty cheeses as defined by the Dairy Board
Class IIIB	All excess milk used in the manufacture of cheddar cheese
Class IIIC	All excess milk used in the manufacture of evaporated milk, condensed milk, butter and skim milk powder
Class IV	All excess milk utilized in the production of butter where skim milk resulting there from is not utilized in any other class

TABLE 24

PROVINCIAL SHARE OF QUOTA
AS AT AUGUST 1

	1990	1991	1992	1993
Provincial Share (kilograms)	10,690,348	10,081,858	9,748,328	9,772,360
National Plan (kilograms)	160,990,614	153,927,205	148,100,959	150,693,449
Provincial Share of National Plan	6.64%	6.55%	6.58%	6.48%
Change in Provincial MSQ from Previous Year	-5.84%	-5.69%	-3.31%	0.25%

TABLE 25
LEVY RATES
DOLLARS PER KILOGRAM
AS AT AUGUST 1

	1990	1991	1992	1993
Milk Levy		\$0.27	\$0.22	\$0.29
In-quota Levy	\$0.96	\$0.34	\$0.00	\$0.00
Sleeve Levy		\$7.89	\$7.80	\$7.83
Over-quota Levy	\$9.17	\$10.43	\$9.25	\$8.90

National Library of Canada
Bibliothèque nationale du Canada



3 3286 51204 6059